

Safety Data Sheet according to WHS Regulations

1 Identification

Product Name: Lawn Love

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: liquid fertiliser (soil nutrient)

Details of Manufacturer:

Sabrina Hahn – Hort with Heart

2/5 Strang Court

Beaconsfield WA 6162

Phone Number: 040 777 5641

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Statement of Hazardous Nature NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA NOT A DANGEROUS GOOD ACCORDING TO THE ADG CODE, IATA OR IMDG/IMSBC CRITERIA

Risk Phrases: Not Hazardous - No criteria found. Safety Phrases: Not Hazardous - No criteria found.

SUSMP Classification: Not scheduled ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria. UN Number: None allocated

GHS Signal word: NONE. Not hazardous. PREVENTION P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P281: Use personal protective equipment as required.

RESPONSE P353: Rinse skin or shower with water. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378: Not combustible. Use extinguishing media suited to burning materials. STORAGE P402+P404: Store in a dry place. Store in a closed container.

DISPOSALDISPOSAL P501:

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview Physical Description & colour: yellow liquid

Odour: Slight odour.

Major Health Hazards: No significant risk factors have been found for this product in normal use.

3 Composition and Information on Ingredients

Ingredients	CAS No	Conc. %
Urea	57-13-6	100
Ferrous Sulfate	7782-63-0	
Manganese Sulphate	7785-87-7	
Citric Acid	77-92-9	
Water	7732-18-5	

4 First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

Inhalation: If symptoms are experienced, remove victim to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing and wash thoroughly with soap and water. Seek

medical attention if irritation develops. Launder clothing before reuse. Eye Contact: Hold eye open and flush gently with copious amounts of water for 15 minutes. Seek medical attention if irritation

develops. Ingestion: If swallowed, immediately rinse mouth out with water. Give water. Contact

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Poisons Information Centre or doctor. Do not induce vomiting. Advice to Doctor: Treat symptomatically

5 Fire Fighting Measures

Fire and Explosion Hazards: Non-flammable. No fire or explosion hazards exist. Decomposition products: May evolve oxides of sulphur and manganese when heated to decomposition
Extinguishing Media: Media to suit materials involved in fire. Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. Flash point: Non Flammable Upper Flammability Limit: Not applicable Lower Flammability Limit: Not applicable Auto ignition temperature: Not applicable Flammability Class: Does not burn. Hazchem Code: None allocated

6 Accidental Release Measures

Spillage: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other absorbent material. Sweep up and shovel or collect recovered product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill.

7 Handling and Storage

Handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. Storage: Store in cool, dry, well ventilated area removed from combustible materials, herbicides, fungicides and foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Keep from extreme heat and open flames and make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

PVC or rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form: Liquid

Colour: Yellow liquid

Odour: Slight Odour

Boiling Point: approx. 100 deg C

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Freezing point: 0 dec C

Volatiles: No specific data. Expected to be low at 100°C

Vapour Pressure: Negligible at normal ambient temperatures.

Specific gravity: no data

Water Solubility: soluble

pH: no data

Volatility: Negligible at normal ambient temperatures.

Odour Threshold: No data.

Evaporation Rate: No data

Coeff Oil/water Distribution: No data

Viscosity: Not applicable

10 Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions.

Conditions to Avoid: Heat, flames. **Incompatibilities:** Gels and generates heat when mixed with acid.

May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminium, tin, lead, and zinc. Also, avoid acids

Fire Decomposition Products: Oxides of sulphur and manganese **Polymerisation:** This product is unlikely to undergo polymerisation processes

11 Toxicological Information

Health Hazard Summary: Low toxicity. This product may only present a hazard with eye contact, prolonged and repeated skin contact or with ingestion of large quantities

Toxicity to Animals: No Data **Potential Health Effects Inhalation:** If product in high concentrations of airborne mist, prolonged contact may cause irritation to the nose and throat. **Skin Contact:** May cause irritation. Some individuals with sensitive skin may experience adverse skin reactions and would be advised to discontinue use. **Eye Contact:** Exposure may result in irritation, pain and redness **Ingestion:** May cause digestive tract irritation, with accompanying nausea, vomiting and diarrhoea if consumed in large quantities

Carcinogen Status: SWA: No significant ingredient is classified as carcinogenic by SWA **NTP:** No significant ingredient is classified as carcinogenic by NTP. **IARC:** No significant ingredient is classified as carcinogenic by IARC.

12 Ecological Information

Environment: Avoid contamination of waterways. **Persistence/degradation:** Will persist for weeks in soil, but is a plant nutrient. **Mobility:** Readily leaches **Bioaccumulative potential:** Unknown but probably low. **Section 13 - Disposal Considerations Disposal:** There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

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14 Transport Information

ADG Code: This product is not classified as a Dangerous Good for transport by road or rail.

IMDG/IATA: Not a Dangerous Good for transport by sea or air

15 Regulatory Information

Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database.

16 Other Information

Date of Preparation or Last Revision: May 2017

This SDS contains only safety-related information. For other data see product literature. Acronyms: ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail AICS Australian Inventory of Chemical Substances ASCC Australian Safety & Compensation Council CAS number Chemical Abstracts Service Registry Number IARC International Agency for Research on Cancer NOHSC National Occupational Health & Safety Commission NTP National Toxicology Program (USA) SUSMP Standard for the Uniform Scheduling of Medicines & Poisons UN Number United Nations Number

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